ARKANSA 3 CHALK BEDS.

Interesting Result of an Investigation by a United states Geologist.

The chalk and chalk-marl deposits of Southwest Arkansas, said Mr. Josepi A. ran, in part III of the twentyso one annual report of the United - ... vil survey, now in press. were .... described by Mr. Robert T Hill in the ann report of the geolog ical survey of A. Lansas for 1888, in which volume Dr. J. C. Branner, then state geologist of Arkansas, brieft) described the manufacture of Portland cement and showed that the chalk deposits compared favorably with the best English chalk as Portland cement materials. The publications of the Arkansas survey called attention to these chalk deposits and as a result an extensive Portland cement plant was established at Whitecliffs. This development caused greater interest in the Arkansas chalk deposits, creating further demand for information.

The chalk deposits of Southwestern Arkansas occur in a low rolling plain from the vicinity of Rocky Comfort, about fifty miles from the state une, northeastward toward Arkadelphia. It is the northeastward part of the great chalk formation which extends from Central Texas into Arkansas. The purer chalk outcrops in three separate so to speak. A man in London was so areas, (1) at Rocky Comfort, in Little afflicted with dyspepsia that he had to tle River and Sevier counties, and (3) Howard and Hempstead counties. The gentleman was returning from the conchalk in these areas belong to the san. unent and he had the misfortune to be later deposits of gravel and sand.

The pure chalk formation has a varideposits in the eastern part. It occurs him no more. in the midst of fine chalky and clay marls into which it grades with gradual change. Throughout its occurrence it is well exposed and suitably located for exploitation. The Rocky Comfort kansas and Choctaw railroad, which extends westward from the main line of the Kansas City Southern at Ashbranch road connects the Whitecliffs had to night it out with quinsy. deposits with the main line of the Kansas City Southern railroad at Wilton. The Saline Landing area lies between the Arkansas and Louisiana and West Saline river, and ten miles from the main line of the St. Louis, tron Mountain & Southern railroad. The The typhola fever microbes will play chalk at Saline Landing is at the head of navigation for small steamers on tion of the latter. It is contended that the Saline river, and is separated from the typhoid microbe absorbs all the the chalk at Whiteclin's by a space of sugar. about four and a haif miles.

tion of the Whitecliffs formation and corpuscies in the blood. The introducseparated from it by nearly 200 test of tion of the typnoid germ results in a marl known as the Saratoga chalk- may be better described as a battle to marl. This formation occurs in three the death, for in the end both particiseparate areas, one extending from the pants are numbered with the siain. vicinity of Saline Landing northwestits known occurrence with little variation in thickness of about forty feet.

the nature of name and Portland cements and their methods of manufacture, giving and , ... of both natural and Portland committee, also of the Arkansas region water show that ... considerable part of the chalk deposit. comosition to natural and Portlan cement amestones water have been utilized in France and in the eastern part of the United States. A large part o he chain, nowe or, is shown to rival the purest chalks in England which have been used in the manufacture of the highest grades of Portland cement. 'to the pure chaik for Portland cement, it is necessary to add clays or maris carrying a large percentage of ciay. Clays of the very best grade are tound in the territory deposit lying immediately south of this region and further east along the St. Louis, Iron Mountain & Southern railroad toward Little Rock. The fine textured marls which occur here associated with the chalks are shown by their analysis to contain clays adequate when mixed with the chalk to produce a proper combination for a high grade of Portland cement. It is evident that there is sufficient chalk and mari in the Arkansas region to produce an unlimited amount of Portland cement.

The newest Portland cement manufactories occur in North Texas and Kansas, leaving the whole region of Indian Territory, Oklahoma, Arkansas, a large part of Louisiana, and other Southern states east of the Mississippl, which could be supplied with little con.petition by the Arkansas coments. Transportation north and south is direct by the Kansas City Southern, northeast and southeast by the St. Louis & Iron Mountain, and east and west by the Choctaw, Oklahoma & Guif and the Memphis & Choctaw railroads.

"Wain" is suggested by the London Globe as a name for the automobile, as motor car, the word adopted in England, is too cumbersome. The here are some of us who can rememompounds would then be "oil-wain" or "smell-wain" for the petroleum motor: "steam-wain" or "puff-wain" for the steam motor, and "spark-wain" or the electric motor.

The five buildings of the C. K. Wi!liams Paint Company, of Easton, Pa., were destroyed by fire Sunday morning. Loss, \$100,000; insurance small.

Troops A and B. Eighth cavalry, have been ordered to take station at Fort Sill, and will march overland from Fort Reno. Two companies of the Twenty-second infantry have arrived at Fort Reno, and two companies | and nobody ever thought of it before. of the Twenty-fifth infantry (colored) will arrive at the post this week.

By reason of a strike an a lack of water with which to make ice, the Chithe price of ice to consumers.

MICROBES AND THEIR WAYS. semout them make Vigorous War on

ULE ABOLDER. The more we become acquainted w... the gentle micrope the more we Itmide that man, mireed, is a creature or cucumstances, and the latter art Careary accessments by the microse we are entired to regard dyspensia at a disease wormy or due respect, and if an unexpected development of eczenia sigaid draw our attention from the dyspepsia we justly feel we are the sport of microbes. But this game of see-saw was the actual experience of a New York woman, says the Baitimore

Dyspepsia had played such havoc with its victim that the redical man despaired of her reason. One day, however, an unexpected development of eczema had the gratifying but un.ooked-for effect of queiling the dyspepsia, and the patient for the first time in ten years ate a good dinner with real enjoyment. The removal of the eczema, however, was the signal for the return of the dyspepsia and vice versa and thus the patient was alternately afflicted.

it is confidently stated that when cholera and dyspepsia play a see-aw the latter gets tumbled on the plank, River county; (2), Whitecliffs, in Lit- give up his business. When cholera was prevalent at two or three contineastward from Saline Landing, in ental ports, notably Hamburg, this same formation and are separated by seized with the disease. He was lucky enough, however, to get over the attack, and he has since found to his able thickness from more than 100 feet great satisfaction that his dyspepsia in the western part of the area to thin, has fallen off the see-saw and troubles

Quinsy is a distressing and dangerous complaint and the patient feels that he has endured quite enough without the audition of gout. In one case, however, the gout proved a blessing in chalk lies within one mile of the Ar- disguise. A gentleman in South Keusington was down with quinsy and sunered severely. The development of tion, leaving Chariton 5:45 a. m., arrivgout in his toe, however, seemed to fill down. The Whiteclins chalk outcrops his cup to the brim. But the advent of nections at St. Joseph with south bound in cliffs and bluffs above Little river, he gout meant the exit of quinsy. The where it is well and conveniently ex- gentieman's wife was down with quinsy posed for use in the manufacture of at the same time, but the microbes did cement near the cement works. A not play see-saw in her case, and she

So acceptable has this theory become that continental physicians have added the poisons of erysipeias and typhoid fever to their pnarmacopoeia. extreme care has to be used, however, riving Chariton 9:30 p. m. in the employment of these bacille. see-saw with diabetes, to the destruc-

There is an exhausting disease caus-Lying above the pure chalk forma | ed by the presence of too many white aris, there is a formation of chalk- most desperate game of see-saw, which

The typhoid germs may, indeed, be ward and beyond Washington, another considered a champion at his own In the region of Okolona, and a turrd is game. A patient anticted with rheuthe Deciper creek valleys near Arka- matism cauld have no better luck than delphia. This chalk-marl termation to develop an attack of typhoid fever, resembles closely the lower and mo.e for there have been instances without sandy portion of the Whitecians chain. number where the rheumausm got eve-The commation continues throughout tirely the worst of it. Tumois - 1 cases of consumption have also gone down before the typhoid micrope, and Mr. Taff's report discusses briefly it may be that cancer may have to bow the knee in the near tuture.

An Indian army outcer was sorely troubled with his liver and for years he was addicted to such an extent that various chaiks, ma ... and clays in the he practically became a living skeleton. He had an attack of typhus fever, which, it was thought, would prove in Arkansas appro..... very closely la latal. but he got over it, and to his joy found that his liver was once more in right. Erysipelas, St. Vitus dance, dropsy and consumption have also been beaten at the see-saw game Ly the typhus microbe.

Seeing that eczema has beaten dyspepsia, and erysipeias beaten eczema, and typhus has taxen down erysipelas, on form typhus should be the champion see-saw microbe. But he is 100 uangerous to play with and until we and some means of rendering him harmless it would not be safe to enter aim for the championship.

Has Her Name Patented

The headship of a family has become an issue; it exists as a fact today, quite independent of our long-cherished national antipathy to anything savoring of social inequality.

We are not quite ready, indeed, to place a law of primogeniture upon our statute books, but that matters little, io long as a man retains the right to lispose of his property as he deems best. And it is upon a property basis that the distinction necessarily rests, in default of any hereditary honors outside of a church vestry election.

The multi-millionaire (what a luscious phrase!) has only to endow the eldest son or the favorite son with the bulk of the family fortune and the thing is done; forthwith Mr. Robinson Jones becomes Mr. Jones par excellence, and he proceeds to emphasize the distinction on his visiting cardsne is THE Mr. Jones, and all others will please take notice. It follows, as a matter of course, that Mrs. Robinson Jones becomes Mrs. Jones, and it is just here where the trouble begins; per the martial law which prevailed or a whole season at a certain sumner colony in consequence of a disigreement on this very question beween a distinguished dowager and her laughter-in-law.

More than that, the name, being a siece of property, can be legally belucathed, like family plate or old lacet ind remains in force for the full term if any copyright-forty-two years, to le exact.

One cannot but admire this brilliant piece of social strategy, and it should neet with the success it merits. What in idea! How simple, how ingenious! tot even the "Only Original Cohen!"-Harper's Weekly.

A dispatch from St. Petersburg ansounces that the accouchement of the waring is expected in September.

#### WORTH \$300,000,000.

The President of a certain big Oil Company is said to be worth \$300,000,000. A tidy bit of money and no mistake. And yet he isn't happy. In an address to a Bible class he spoke of trials and troubles of the rich and the loads they have to carry. A young lady whispered to a friend that he night wear a Benson's Porous Plaster on his back or, better still, divide the money among the members of the class. I don't know why her idea about the plaster makes me want to laugh, but it does. All the same I have seen plenty of people laugh after putting Benson's Plasters on their backs or chests, or on any other spot where there was weight, heaviness, weakness or pain. It may be the sharp stabs of neuralgia, the aches and wrenches of rheumatism; it may be colds in muscles or bones; it may be those kidney or lumbago thrusts that make you yell as at a dog bite; or it may be a strain or cramp, anything that wants quieting and comforting. Dont bother with salves, liniments, lotions, etc., or with any of the stupid and useless old style plasters. Clap on a Benson's. It relieves at once and cures quickly. It stops the pain and makes you laugh for the very ease and good feeling of it. But watch out against im-itations and substitutes. All druggists, or we will prepay postage on any number ordered in the United States on receipt of Seabury & Johnson, Mfg. Chemists, N.Y.

New Train Service Between St Joseph and Chariton, Ia. Via Grant City.

Attention is directed to the new train service of the C. B. & Q. between St. Joseph, Mo., and Chariton, Iowa, via the new line lately completed between Grant City and Albany Junction.

In addition to trains 111 and 112 beold main line, there are new trains 114 pole. Here the worthy governor, or and 113 running as follows:

No. 114 daily except Sunday from Chariton to St. Joseph via Bethany Junction, Grant City and Albany Juncing St. Joseph 12:30 roor, making contrain of the K. C. St. J. & C. B., No. 20

North bound trains from Kansas City. No. 15 and 21 connect at St. Joseph with C. B. & Q. train No. 113 leaving St. Joseph daily except Sunday at 2:45 p. m., running north via Albany Junction was supposed to bring good luck to Grant City and Bethany Junction, ar-

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which generally approaches through the LIVER and manifests itself in innumerable ways TAKE

THE MAYPOLE MAYOR,

urious Facts Concerning the Origin c

the Name Why is a mayor called a mayor. There is a riddle for you and it sounds tet as sensible as that most foolish of til riddles: "Why is a mouse when it

i. re is one explanation of why a mayor, is called a mayor. 1.01g. long 8.3 ago in England every year about midnight on the first of May boys and iris of each village used to go in one iong procession to the nearby wools. On their way they blew horns and same many merry Maying songs. In the woods some of them cut a long May pole, a tall, slender, supple tree. Others gathered flowers as many as they could carry. Then laden with flowers and bearing the May pole in state they came back to the village about daybreak. The May pole, festooned with flowers on the tip, was planted in the village green. The doors and windows of the village cottages were decked with flowers and every one prepared for a gala day. About the green bay booths were built, where frod was served. Every one was dressed in the gayest clothes and wore flowers. There were bonfires and processions and dances and stage plays. A May queen and often a king was chosen to be master and mistress of the ceremonics and the fun lasted till midnight and often was continued the next day and the next, until six days were consumed | OF in merry-making.

But you say what has all this to do with the mayor. Just this: The May THE pole was left standing on the green all the year and was the standard of justice. Here the people brought their FARMER'S governors and barons and even kings who had acted unjustly and deposed tween Chariton and Kansas City via the them and disgraced them at the May just ruler, was given lawful power and was called the mayor; you see it is but a short cut from May to mayor

f ar of the funny customs on May day was that of the Morris dances. nere were eight of these dancers, who ore white suits, with strings of bills .staned round their knees to make

music as they danced. With the Morris dencers were also a fiddler, a clown, a quire and a sword bearer. The sword bearer carried a sword decorated with ribbons and also a large cake in a ound tin. He cut slices from me cake to give to the bystanders. This cake those who had it and many dreamed on it, just as girls dream on wedding cake now-a-days.

On this same May day the milkmaids used to dance with their milk pails on their heads. And the chimney weeps also had their dances and many of the young men were dressed in hunting green the represent Robin Hood's merry men. With the chimney sweeps was usually a jack-in-thgreen. A light hollow frame of wood or wicker was made in the form of a mocolate drop, open at the bottom and large enough for a man to stand under. The frame was covered with green leaves and flowers interwoven and inside of it the man danced. .'be bystanders used to greatly enjoy seeing this pyramid of green and flowers prancing about on the green.

Tuesle with a Telephone.

"Number, please!" The dulcet to:. of the invincible "hello" girl trilled the query into the waiting ear of the wag at the other end of the circuit. "Give me two pairs of aces," came

the answer. "Do you think you're playing draw

poker?" interrogated the girl at "Contral. "Certainly not," was the reply. "I'm

calling a telephone number. Kindly let me have four ones." "I'm afraid I don't understand," said the operator. "Can't you make your call clearer?

"I'm doing the best I know how. Con you connect me with one, one, out,

one?" "No, I haven't; it's in the book. Maybe you specify it as eleven, eleven.

"Say, do you think this is a policy shop? What number are you calling?" "I'm trying to tell you. See is you can give me one hundred, eleven, one." "No, I can't," came the shary reply. have no time to wait. If you cannot be more explicit you had better send a telegram."

"Why do you have such nonsensical numbers in your old book if you can't understand them?" argued the call. . "Here it is as plain as day—four ones in succession." "Oh, you mean one, one, double one.

why didn't you say so? I'll connect you.'

"Don't bother. I just wanted to discover how you called for that strange collection of figures. Good-bye."-Philadelphia Telegraph.

Stood There and Too: It,

The Rev. Dr. S. D. McConnell, now of Brooklyn, but formerly of St. Stephen's, Philadelphia, who was a close second to the Rev. Dr. Mackay-Smith in the contest for coadjutor bishop, was, when a young man, a cavalryman and an all around athicte. After he entered the ministry a few young Philadelphians who often met him in a clubable way were very much concerned about the attentions of one of their number to a certain lady. There was nothing improper in them, but the young man was so indiscreet that he threatened to bring about a very unpleasant crisis. His friends in the club determined to remonstrate with him. Dr. McCoanell was selected as the spokesman of a committee of five to pay him a visit. He did so.

A few days afterward a friend of the young man called at St. Stephen's and asked Dr. McConnell if he did not think he had spoken a little too plainly. The clergyman jumped from his chair.

"Look here," he said, "if I had said the same thing to you, what would you have done?" "I should have broken your jaw."

inswered the caller.
"Exactly," exclaimed Dr. McConnell, grasping his friend's hand, "that is what I hoped Blank would try to do. But he just stood there and took it."-Philadelphia Times.



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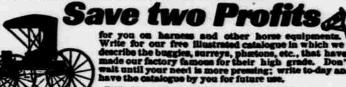
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